

Table D1. World Oil Production Capacity by Region and Country, Reference Case, 1990-2020
 (Million Barrels per Day)

Region/Country	History (Estimates)		Projections			
	1990	1998	2005	2010	2015	2020
OPEC						
Persian Gulf						
Iran	3.2	3.9	4.3	4.5	4.9	5.5
Iraq	2.2	2.8	3.2	4.2	5.0	6.2
Kuwait	1.7	2.6	3.1	3.8	4.5	5.2
Qatar	0.5	0.6	0.6	0.6	0.6	0.7
Saudi Arabia	8.6	11.4	13.6	14.7	17.7	22.1
United Arab Emirates	2.5	2.7	3.2	3.6	4.2	5.1
Total Persian Gulf.	18.7	24.0	28.0	31.4	36.9	44.8
Other OPEC						
Algeria	1.3	1.4	2.0	2.2	2.1	2.0
Indonesia	1.5	1.7	1.5	1.5	1.4	1.3
Libya	1.5	1.5	1.6	1.7	1.6	1.5
Nigeria	1.8	2.2	2.9	3.2	3.3	3.1
Venezuela ^a	2.4	3.4	4.6	5.1	5.5	6.0
Total Other OPEC.	8.5	10.2	12.6	13.7	13.9	14.0
Total OPEC	27.2	34.2	40.6	45.1	50.8	58.8
Non-OPEC						
Industrialized						
United States	9.7	9.3	8.5	8.6	8.9	9.1
Canada	2.0	2.7	3.0	3.2	3.4	3.4
Mexico	3.0	3.5	3.7	4.0	3.9	3.9
Australia	0.7	0.8	0.8	0.8	0.8	0.7
North Sea	4.2	6.3	7.1	6.8	6.4	5.8
Other.	0.5	0.7	0.8	0.8	0.7	0.7
Total Industrialized	20.1	23.3	23.9	24.2	24.1	23.6
Eurasia						
China	2.8	3.2	3.3	3.5	3.6	3.6
Former Soviet Union.	11.4	7.2	7.6	10.1	12.1	13.1
Eastern Europe	0.3	0.3	0.3	0.4	0.4	0.5
Total Eurasia	14.5	10.7	11.2	14.0	16.1	17.2
Other Non-OPEC						
Central and South America	2.4	3.6	4.2	4.4	4.8	5.0
Middle East	1.4	1.9	2.2	2.3	2.1	2.0
Africa	2.2	2.8	3.1	3.7	4.5	5.5
Asia	1.7	2.2	2.5	2.9	3.2	3.3
Total Other Non-OPEC	7.7	10.5	12.0	13.3	14.6	15.8
Total Non-OPEC	42.3	44.5	47.1	51.5	54.8	56.6
Total World	69.5	78.7	87.7	96.6	105.6	115.4

^aThese estimates were made prior to recent statements by Venezuela's current regime indicating a potential unwillingness to support the outside investment activity required for the substantial capacity expansion shown in this table.

Note: OPEC = Organization of Petroleum Exporting Countries.

Sources: **History:** Energy Information Administration (EIA), Energy Markets and Contingency Information Division. **Projections:** EIA, Office of Integrated Analysis and Forecasting, World Energy Projection System and "DESTINY" International Energy Forecast Software (Dallas, TX: Petroconsultants, Fourth Quarter 1999).

Table D2. World Oil Production Capacity by Region and Country, High Oil Price Case, 1990-2020
 (Million Barrels per Day)

Region/Country	History (Estimates)		Projections			
	1990	1998	2005	2010	2015	2020
OPEC						
Persian Gulf						
Iran	3.2	3.9	4.1	4.2	4.5	4.9
Iraq	2.2	2.8	3.0	3.5	4.1	5.2
Kuwait	1.7	2.6	2.9	3.4	3.8	4.3
Qatar	0.5	0.6	0.6	0.6	0.6	0.7
Saudi Arabia	8.6	11.4	12.4	13.7	15.8	19.9
United Arab Emirates	2.5	2.7	3.0	3.1	3.3	3.7
Total Persian Gulf.	18.7	24.0	26.0	28.5	32.1	38.7
Other OPEC						
Algeria	1.3	1.4	2.0	2.0	2.1	2.0
Indonesia	1.5	1.7	1.5	1.5	1.4	1.3
Libya	1.5	1.5	1.6	1.6	1.6	1.5
Nigeria	1.8	2.2	2.7	2.8	3.1	3.0
Venezuela ^a	2.4	3.4	4.5	5.0	5.4	5.8
Total Other OPEC.	8.5	10.2	12.3	12.9	13.6	14.0
Total OPEC	27.2	34.2	38.3	41.4	45.7	52.7
Non-OPEC						
Industrialized						
United States	9.7	9.3	8.7	9.1	9.6	10.0
Canada	2.0	2.7	3.1	3.3	3.4	3.5
Mexico	3.0	3.5	3.9	4.1	4.0	3.9
Australia	0.7	0.8	0.8	0.8	0.9	0.8
North Sea	4.2	6.3	7.1	7.0	6.5	5.9
Other.	0.5	0.7	0.7	0.8	0.7	0.7
Total Industrialized	20.1	23.3	24.3	25.1	25.1	24.8
Eurasia						
China	2.8	3.2	3.3	3.6	3.7	3.7
Former Soviet Union.	11.4	7.2	7.6	10.3	12.4	13.3
Eastern Europe	0.3	0.3	0.3	0.4	0.4	0.5
Total Eurasia	14.5	10.7	11.2	14.3	16.5	17.5
Other Non-OPEC						
Central and South America	2.4	3.6	4.2	4.5	4.9	5.1
Middle East	1.4	1.9	2.2	2.2	2.2	2.1
Africa	2.2	2.8	3.2	3.5	4.5	5.6
Asia	1.7	2.2	2.6	3.0	3.3	3.4
Total Other Non-OPEC	7.7	10.5	12.2	13.2	14.9	16.2
Total Non-OPEC	42.3	44.5	47.7	52.6	56.5	58.5
Total World	69.5	78.7	86.0	94.0	102.2	111.2

^aThese estimates were made prior to recent statements by Venezuela's current regime indicating a potential unwillingness to support the outside investment activity required for the substantial capacity expansion shown in this table.

Note: OPEC = Organization of Petroleum Exporting Countries.

Sources: **History:** Energy Information Administration (EIA), Energy Markets and Contingency Information Division. **Projections:** EIA, Office of Integrated Analysis and Forecasting, World Energy Projection System and "DESTINY" International Energy Forecast Software (Dallas, TX: Petroconsultants, Fourth Quarter 1999).

Table D3. World Oil Production Capacity by Region and Country, Low Oil Price Case, 1990-2020
 (Million Barrels per Day)

Region/Country	History (Estimates)		Projections			
	1990	1998	2005	2010	2015	2020
OPEC						
Persian Gulf						
Iran	3.2	3.9	4.7	5.3	5.6	6.5
Iraq	2.2	2.8	3.5	4.4	5.3	6.9
Kuwait	1.7	2.6	3.3	4.0	4.8	5.5
Qatar	0.5	0.6	0.6	0.7	0.8	0.7
Saudi Arabia	8.6	11.4	14.9	17.1	21.6	27.4
United Arab Emirates	2.5	2.7	3.4	4.0	4.6	5.7
Total Persian Gulf.	18.7	24.0	30.4	35.5	42.7	52.7
Other OPEC						
Algeria	1.3	1.4	2.3	2.3	2.2	2.1
Indonesia	1.5	1.7	1.7	1.6	1.5	1.4
Libya	1.5	1.5	1.8	1.9	1.8	1.6
Nigeria	1.8	2.2	3.0	3.5	3.6	3.8
Venezuela ^a	2.4	3.4	5.4	6.3	6.8	6.7
Total Other OPEC.	8.5	10.2	14.2	15.6	15.8	15.6
Total OPEC	27.2	34.2	44.6	51.1	58.5	68.3
Non-OPEC						
Industrialized						
United States	9.7	9.3	8.0	8.1	8.2	8.3
Canada	2.0	2.7	3.0	3.2	3.3	3.3
Mexico	3.0	3.5	3.7	3.8	3.8	3.7
Australia	0.7	0.8	0.8	0.8	0.8	0.7
North Sea	4.2	6.3	7.1	6.7	6.4	5.8
Other.	0.5	0.7	0.7	0.7	0.6	0.6
Total Industrialized	20.1	23.3	23.3	23.3	23.1	22.4
Eurasia						
China	2.8	3.2	3.3	3.4	3.5	3.5
Former Soviet Union.	11.4	7.2	7.5	10.0	11.7	12.7
Eastern Europe	0.3	0.3	0.3	0.4	0.4	0.4
Total Eurasia	14.5	10.7	11.1	13.8	15.6	16.6
Other Non-OPEC						
Central and South America	2.4	3.6	4.1	4.3	4.6	4.8
Middle East	1.4	1.9	2.2	2.2	2.1	2.0
Africa	2.2	2.8	2.8	3.5	4.4	5.3
Asia	1.7	2.2	2.4	2.8	3.1	3.2
Total Other Non-OPEC	7.7	10.5	11.5	12.8	14.2	15.3
Total Non-OPEC	42.3	44.5	45.9	49.9	52.9	54.3
Total World	69.5	78.7	90.5	101.0	111.4	122.6

^aThese estimates were made prior to recent statements by Venezuela's current regime indicating a potential unwillingness to support the outside investment activity required for the substantial capacity expansion shown in this table.

Note: OPEC = Organization of Petroleum Exporting Countries.

Sources: **History:** Energy Information Administration (EIA), Energy Markets and Contingency Information Division. **Projections:** EIA, Office of Integrated Analysis and Forecasting, World Energy Projection System and "DESTINY" International Energy Forecast Software (Dallas, TX: Petroconsultants, Fourth Quarter 1999).

Table D4. World Oil Production Capacity by Region and Country, High Non-OPEC Supply Case, 1990-2020
 (Million Barrels per Day)

Region/Country	History (Estimates)		Projections			
	1990	1998	2005	2010	2015	2020
OPEC						
Persian Gulf						
Iran	3.2	3.9	4.0	4.3	4.5	4.8
Iraq	2.2	2.8	2.8	3.3	3.9	5.2
Kuwait	1.7	2.6	2.7	3.2	3.6	4.3
Qatar	0.5	0.6	0.5	0.6	0.6	0.6
Saudi Arabia	8.6	11.4	11.3	12.5	14.1	19.6
United Arab Emirates	2.5	2.7	2.8	3.1	4.2	4.8
Total Persian Gulf.	18.7	24.0	24.1	27.0	30.9	39.3
Other OPEC						
Algeria	1.3	1.4	1.6	1.9	2.1	2.0
Indonesia	1.5	1.7	1.5	1.4	1.4	1.3
Libya	1.5	1.5	1.5	1.6	1.5	1.5
Nigeria	1.8	2.2	2.5	2.8	3.3	3.1
Venezuela ^a	2.4	3.4	3.8	4.3	5.5	5.9
Total Other OPEC.	8.5	10.2	10.9	11.2	13.3	13.8
Total OPEC	27.2	34.2	35.0	38.2	44.2	53.1
Non-OPEC						
Industrialized						
United States	9.7	9.3	8.7	9.1	9.6	9.9
Canada	2.0	2.7	3.2	3.4	3.6	3.7
Mexico	3.0	3.5	4.1	4.3	4.5	4.5
Australia	0.7	0.8	0.8	0.8	0.8	0.8
North Sea	4.2	6.3	7.7	7.5	6.8	6.1
Other.	0.5	0.7	0.8	0.8	0.8	0.8
Total Industrialized	20.1	23.3	25.3	25.9	26.1	25.8
Eurasia						
China	2.8	3.2	3.6	3.9	4.0	3.9
Former Soviet Union.	11.4	7.2	9.1	11.8	13.4	14.4
Eastern Europe	0.3	0.3	0.4	0.5	0.5	0.5
Total Eurasia	14.5	10.7	13.1	16.2	17.9	18.8
Other Non-OPEC						
Central and South America	2.4	3.6	4.6	5.1	5.5	5.7
Middle East	1.4	1.9	2.3	2.3	2.2	2.2
Africa	2.2	2.8	3.8	4.8	5.6	5.9
Asia	1.7	2.2	3.0	3.6	3.8	3.7
Total Other Non-OPEC	7.7	10.5	13.7	15.8	17.1	17.5
Total Non-OPEC	42.3	44.5	52.1	57.9	61.1	62.1
Total World	69.5	78.7	87.1	96.1	105.3	115.2

^aThese estimates were made prior to recent statements by Venezuela's current regime indicating a potential unwillingness to support the outside investment activity required for the substantial capacity expansion shown in this table.

Note: OPEC = Organization of Petroleum Exporting Countries.

Sources: **History:** Energy Information Administration (EIA), Energy Markets and Contingency Information Division. **Projections:** EIA, Office of Integrated Analysis and Forecasting, World Energy Projection System and "DESTINY" International Energy Forecast Software (Dallas, TX: Petroconsultants, Fourth Quarter 1999).

Table D5. World Oil Production Capacity by Region and Country, Low Non-OPEC Supply Case, 1990-2020
 (Million Barrels per Day)

Region/Country	History (Estimates)		Projections			
	1990	1998	2005	2010	2015	2020
OPEC						
Persian Gulf						
Iran	3.2	3.9	4.5	5.3	5.7	6.7
Iraq	2.2	2.8	3.4	4.4	5.5	7.2
Kuwait	1.7	2.6	3.2	4.0	4.9	5.6
Qatar	0.5	0.6	0.6	0.7	0.8	0.8
Saudi Arabia	8.6	11.4	14.5	17.1	21.8	27.6
United Arab Emirates	2.5	2.7	3.4	4.0	4.7	5.8
Total Persian Gulf.	18.7	24.0	29.6	35.5	43.4	53.7
Other OPEC						
Algeria	1.3	1.4	2.1	2.3	2.2	2.1
Indonesia	1.5	1.7	1.5	1.6	1.5	1.4
Libya	1.5	1.5	1.6	1.9	1.8	1.6
Nigeria	1.8	2.2	3.1	3.5	3.6	4.0
Venezuela ^a	2.4	3.4	4.9	6.3	6.9	7.1
Total Other OPEC.	8.5	10.2	13.2	15.6	16.0	16.2
Total OPEC	27.2	34.2	42.8	51.1	59.4	69.9
Non-OPEC						
Industrialized						
United States	9.7	9.3	8.3	8.2	8.2	8.3
Canada	2.0	2.7	2.8	2.9	3.0	2.8
Mexico	3.0	3.5	3.6	3.7	3.6	3.4
Australia	0.7	0.8	0.8	0.8	0.7	0.6
North Sea	4.2	6.3	6.6	5.9	5.2	4.2
Other.	0.5	0.7	0.8	0.8	0.7	0.7
Total Industrialized	20.1	23.3	22.9	22.3	21.4	20.0
Eurasia						
China	2.8	3.2	3.2	3.3	3.3	3.2
Former Soviet Union.	11.4	7.2	7.5	8.3	9.1	9.6
Eastern Europe	0.3	0.3	0.3	0.3	0.3	0.3
Total Eurasia	14.5	10.7	11.0	11.9	12.7	13.1
Other Non-OPEC						
Central and South America	2.4	3.6	4.0	4.2	4.3	4.3
Middle East	1.4	1.9	2.1	2.1	2.0	1.9
Africa	2.2	2.8	2.7	2.8	3.5	4.1
Asia	1.7	2.2	2.4	2.6	2.8	2.7
Total Other Non-OPEC	7.7	10.5	11.2	11.7	12.6	13.0
Total Non-OPEC	42.3	44.5	45.1	45.9	46.7	46.1
Total World	69.5	78.7	87.9	97.0	106.1	116.0

^aThese estimates were made prior to recent statements by Venezuela's current regime indicating a potential unwillingness to support the outside investment activity required for the substantial capacity expansion shown in this table.

Note: OPEC = Organization of Petroleum Exporting Countries.

Sources: **History:** Energy Information Administration (EIA), Energy Markets and Contingency Information Division. **Projections:** EIA, Office of Integrated Analysis and Forecasting, World Energy Projection System and "DESTINY" International Energy Forecast Software (Dallas, TX: Petroconsultants, Fourth Quarter 1999).